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OM nucleic - nucleic search, using sw model

Run on: March 9, 2002, 00:54:10 ; Search time 319.49 seconds
(without alignments)
17.722 Million cell updates/sec

Title: US-09-851-670-17

Perfect score: 25

Sequence: 1 cctcaacttggaatcagcgtaacaca 25

Scoring table:

IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs, 113238999 residues

Total number of hits satisfying chosen parameters: 515962

Minimum DB seq length: 0
Maximum DB seq length: 60

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_NA: *
1: /cgn2_6/ptodata/2/ina/5A.COMB.seq: *
2: /cgn2_6/ptodata/2/ina/5B.COMB.seq: *
3: /cgn2_6/ptodata/2/ina/6A.COMB.seq: *
4: /cgn2_6/ptodata/2/ina/6B.COMB.seq: *
5: /cgn2_6/ptodata/2/ina/PCITUS.COMB.seq: *
6: /cgn2_6/ptodata/2/ina/Backfile1.seq: *

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	ID	Description
1	15.6	62.4	41 4	US-08-235-836C-102 Sequence 102, Appl
2	14.4	57.6	39 3	US-08-479-744A-32 Sequence 32, Appl
3	14.4	57.6	39 3	US-08-280-757B-32 Sequence 32, Appl
4	14.2	56.8	42 1	US-08-437-538-13 Sequence 13, Appl
5	14.2	56.0	50 2	US-08-244-434-23 Sequence 23, Appl
6	13.8	55.2	56 2	US-08-244-434-22 Sequence 22, Appl
7	13.8	55.2	58 4	US-08-952-793-245 Sequence 245, App
8	13.8	55.2	58 5	PCT-US96-09455A-245 Sequence 245, App
9	13.4	53.6	40 2	US-08-244-434-21 Sequence 21, Appl
10	13.4	53.6	50 2	US-08-244-434-29 Sequence 29, Appl
11	13.4	53.6	51 2	US-08-244-434-30 Sequence 30, Appl
12	13.4	53.6	52 2	US-08-244-434-27 Sequence 27, Appl
13	13.4	53.6	53 2	US-08-244-434-25 Sequence 25, Appl
14	13.4	53.6	56 2	US-08-244-434-20 Sequence 20, Appl
15	13.4	53.6	57 2	US-08-244-434-18 Sequence 18, Appl
16	13.4	52.0	27 6	5354656-10 Patent No. 5354656
17	13.4	52.0	28 6	5354656-9 Patent No. 5354656
18	13.4	52.0	30 1	US-08-205-507-17 Sequence 17, Appl
19	13.4	52.0	30 1	US-08-371-986-24 Sequence 24, Appl
20	13.4	52.0	30 1	US-08-509-858-9 Sequence 9, Appl
21	13.4	52.0	30 3	US-09-006-597-3 Sequence 3, Appl
22	13.4	52.0	30 3	US-09-006-597-4 Sequence 4, Appl
23	13.4	52.0	30 3	US-09-006-587-7 Sequence 7, Appl
24	13.4	52.0	31 2	US-08-692-787-24 Sequence 24, Appl
25	13.4	52.0	47 3	US-09-006-597-2 Patent No. 5354656
26	13.4	52.0	52 6	5354656-8 Patent No. 5354656
27	13.4	52.0	53 6	5354656-7 Patent No. 5354656

28	13	52.0	54 6	5354656-6 Patent No. 5354656
29	13	52.0	55 6	5354656-5 Patent No. 5354656
30	13	52.0	56 6	5354656-4 Patent No. 5354656
31	13	52.0	57 6	5354656-3 Patent No. 5354656
32	13	52.0	58 6	5354656-2 Patent No. 5354656
33	12.8	51.2	30 1	US-07-696-793A-45 Sequence 45, Appl
34	12.8	51.2	30 1	US-07-977-694-45 Sequence 45, Appl
35	12.8	51.2	30 1	US-08-255-264-22 Sequence 22, Appl
36	12.6	50.4	35 2	US-08-244-434-24 Sequence 24, Appl
37	12.6	50.4	37 2	US-09-028-361A-17 Sequence 17, Appl
38	12.4	49.6	21 1	US-08-635-309-12 Sequence 12, Appl
39	12.4	49.6	23 1	US-08-513-764-13 Sequence 13, Appl
40	12.4	49.6	24 1	US-08-599-252-55 Sequence 55, Appl
41	12.4	49.6	24 5	PCT-US96-06352-55 Sequence 55, Appl
42	12.4	49.6	24 5	PCT-US96-06583-55 Sequence 55, Appl
43	12.4	49.6	25 3	US-08-642-807A-15 Sequence 15, Appl
44	12.4	49.6	25 4	US-09-311-260-41 Sequence 41, Appl
45	12.4	49.6	25 5	PCT-US91-08737-2 Sequence 2, Appl

ALIGNMENTS

RESULT 1
US-08-235-836C-102/c
Sequence 102, Application US/08235836C
Patent No. 6248562
GENERAL INFORMATION:
APPLICANT: Dunn, John J.
APPLICANT: Luft, Benjamin J.
TITLE OF INVENTION: No. 6248562el Chimeric Proteins Comprising
NUMBER OF INVENTION: Botrelia Polypeptides and Uses Therefor
CORRESPONDENCE ADDRESS:
ADDRESS: Brookhaven National Laboratory
STREET:
CITY: Upton
STATE: NY
COUNTRY: USA
ZIP: 11973
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/235, 836C
FILING DATE: 29-APR-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/148, 191
FILING DATE: 01-11-93
ATTORNEY/AGENT INFORMATION:
NAME: Bogosian, Margaret C.
REGISTRATION NUMBER: 25,324
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 282-3738
TELEFAX: (516) 282-3729
INFORMATION FOR SEQ ID NO: 102:
SEQUENCE CHARACTERISTICS:
LENGTH: 41 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-235-836C-102

Query Match 62.4% Score 15.6; DB 4; Length 41;
Best Local Similarity 81.8%; Pred. No. 31;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 cctcaacttggaatcagcgtaac 22

Db 34 CTCGACGTTGAGATCAGACTTCTC 13

RESULT 2

US-08-479-744A-32
Sequence 32, Application US/08479744A
Patent No. 6084067
GENERAL INFORMATION:
APPLICANT: Freeman, Gordon J.
APPLICANT: Nadler, Lee M.
APPLICANT: Gray, Gary S.
TITLE OF INVENTION: No. 6084067el CTLA4/CD28 ligands and
TITLE OF INVENTION: Uses therefor
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 60 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/479,744A
FILING DATE: June 7, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/280,757
FILING DATE: 26-JUL-1994
APPLICATION NUMBER: 08/109,393
FILING DATE: 28-AUG-1993
APPLICATION NUMBER: 08/101,624
FILING DATE: 26-JULY-1993
APPLICATION NUMBER: 08/147,773
FILING DATE: 3-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Mandragouras, Amy E.
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: RPI-004CP3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 39 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
US-08-479-744A-32

Query Match 57.6%; Score 14.4; DB 3; Length 39;
Best Local Similarity 75.0%; Pred. NO. 1.2e+02;
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 ctccaacttggaatcacggtacac 24
||||| ||||| ||||| ||||| |||||
Db 11 CTCGACGTTGAGATCAGACTTCTC 34

RESULT 3

US-08-280-757B-32
Sequence 32, Application US/08280757B
Patent No. 6130316
GENERAL INFORMATION:
APPLICANT: Freeman, Gordon J.
APPLICANT: Nadler, Lee M.

APPLICANT: Gray, Gary S.
APPLICANT: Greenfield, Edward
TITLE OF INVENTION: No. 6130316el CTLA4/CD28 ligands and
TITLE OF INVENTION: Uses therefor
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street, Suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/280,757B
FILING DATE: 26-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/101,624
FILING DATE: 26-JULY-1993
APPLICATION NUMBER: 08/109,393
FILING DATE: 19-AUG-1993
APPLICATION NUMBER: 08/147,773
FILING DATE: 3-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Mandragouras, Amy E.
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: RPI-004CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 39 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
US-08-280-757B-32

Query Match 57.6%; Score 14.4; DB 3; Length 39;
Best Local Similarity 75.0%; Pred. NO. 1.2e+02;
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 ctccaacttggaatcacggtacac 24
||||| ||||| ||||| ||||| |||||
Db 11 CTCGACGTTGAGATCAGACTTCTC 34

RESULT 4

US-08-437-538-13/C
Sequence 13, Application US/08437538
Patent No. 5648245
GENERAL INFORMATION:
APPLICANT: FIRE, ANDREW Z.
APPLICANT: XU, SI-OUN
TITLE OF INVENTION: A METHOD FOR CONSTRUCTING AN
TITLE OF INVENTION: OLIGONUCLEOTIDE CONCATAMER LIBRARY BY ROLLING CIRCLE
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN DARBY & CUSHMAN, L.L.P.
STREET: 1100 NEW YORK AVE., N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3918
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/437,538
FILING DATE: 09-MAY-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: PICCIANO, DANTE
REGISTRATION NUMBER: 33543
REFERENCE/DOCKET NUMBER: 1220/218525
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000
TELEFAX: 202-822-0944
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-437-538-13

Query Match 56.8%; Score 14.2; DB 1; Length 42;
Best Local Similarity 84.2%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1 ctcacattggaatcacg 19
||| ||||| ||||| |||||
DB 24 CTCGAACCTTGGAACCTACGG 6

RESULT 5
US-08-244-434-23
Sequence 23, Application US/08244434
Patent No. 5854004
GENERAL INFORMATION:
APPLICANT: Czerlilofsky, A.P.
APPLICANT: Himmel, A.
APPLICANT: Stratowa, C.
APPLICANT: Weyer, U.
APPLICANT: Lamche, H.
APPLICANT: Sch fer, R.
TITLE OF INVENTION: Process for Screening Substances Capable of
TITLE OF INVENTION: Modulating a Receptor-Dependent Cellular Signal
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/244,434
FILING DATE: 25-MAY-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/92/02718
FILING DATE: PCT Filing Date: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.
REGISTRATION NUMBER: 32,893

REFERENCE/DOCKET NUMBER: 0652.1340000/RWE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 50 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
US-08-244-434-23

Query Match 56.0%; Score 14; DB 2; Length 50;
Best Local Similarity 77.3%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 4 caacttggaatcacgtacac 25
||| ||||| ||||| |||||
DB 2 CGACCTTGATCAGGCTACCA 23

RESULT 6
US-08-244-434-22/c
Sequence 22, Application US/08244434
Patent No. 5854004
GENERAL INFORMATION:
APPLICANT: Czerlilofsky, A.P.
APPLICANT: Himmel, A.
APPLICANT: Stratowa, C.
APPLICANT: Weyer, U.
APPLICANT: Lamche, H.
APPLICANT: Sch fer, R.
TITLE OF INVENTION: Process for Screening Substances Capable of
TITLE OF INVENTION: Modulating a Receptor-Dependent Cellular Signal
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/244,434
FILING DATE: 25-MAY-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/92/02718
FILING DATE: PCT Filing Date: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0652.1340000/RWE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 56 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
US-08-244-434-22

Best Local Similarity	56.0%;	Pred No. 2.6e+02;
Matches	14;	Mismatches 7;
		Indels 0;
		Gaps 0;
Y		
1 ctccaacttgaatcacggtacaca	25	

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QY      1 ctccaactltygaatcacggtacaca 25
        | : | | : | | | | | | | |
Db      6 cuAGAGcUUCGAACCAUGGUAUACA 30
```

RESULT 8
PCT-11S96-09A55A-245

Sequence 245, Application PC/TUS9609455A

APPLICANT: PARMA, et al.

TITLE OF INVENTION: LIGANDS TO LECTINS

NUMBER OF SEQUENCES: 390

CORRESPONDENCE ADDRESS:
NUMBER OF SEQUENCES: 350

ADDRESSEE: Swanson & Bratschun, L.L.C.
STREET: 8400 E. Prattice Avenue Suite 300
:

CITY: Englewood

STATE: COLOR

COUNTRY: USA
STD: 90111

21P: 80111
COMPUTER REAT

MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB

COMPUTER: IBM pc compatible

OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 6

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US96/09455A

CLASSIFICATION: FILING DATE: 05 JUNE 1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/479,724

FILING DATE: 07-JUNE-1995

APPLICATIION NUMBER: 08/472,256

FILING DATE: 07-JUNE-1995

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 00 4473 3EE

APPLICATION NUMBER: 06/412,253
FILING DATE: 07-JUNE-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/477,829

ATTORNEY/AGENT INFORMATION:
FILING DATE: 07-JUNE-1993

NAME: Barry J. Swanson

REGISTRATION NUMBER: 33,215

REFERENCE NUMBER: NEX400
TELECOMMUNICATION INFORMATION:

TELEPHONE: (303) 793-3333

TELEFAX: (303) 793-3433

```

; INFORMATION FOR SEQ ID NO: 245:
;
; SEQUENCE CHARACTERISTICS:

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SEQUENCE CHARACTERISTICS:
:
:   LENGTH: 58 base pairs
:

```

TYPE: nucleic acid

```
STRANDEDNESS: single
EFFECTOR: 1
```

MOLECULE TYPE: RNA

FEATURE:

OTHER INFORMATION: ALL C'S are

OTHER INFORMATION: All IT's are

PCT-US96-09455A-245

Query Match	55 28: Score
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Best Local Similarity	56.0%;	Pred
-----------------------	--------	------

```
QY      1 ctccaacttgyaatcacgytacaca 25
        | : | | : | | | | | | | |
Db      6 CUAGAGCUUCGAACCAUGGUAVACA 30
```

RESULT 9
US-08-244-434-21/C
Sequence 21, Application US/08244434
Patent No. 5854004
GENERAL INFORMATION:
APPLICANT: Czerulofsky, A.P.
APPLICANT: Himmler, A.
APPLICANT: Stralowa, C.
APPLICANT: Weyer, U.
APPLICANT: Lamche, H.
APPLICANT: Sch fer, R.
TITLE OF INVENTION: Process for Screening Substances Capable of
Modulating a Receptor-Dependent Cellular Signal
TITLE OF INVENTION: Transmission Path
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/244,434
FILING DATE: 25-MAY-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/92/02718
FILING DATE: PCT Filing Date: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0652.1340000/RWE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 40 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
US-08-244-434-21

Query Match 53.6%; Score 13.4; DB 2; Length 40;
Best Local Similarity 73.9%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
QY 3 ccaactggatcacggtacaca 25
DB 40 CTAAGCTTGATCAGCGTCTACA 18
RESULT 10
US-08-244-434-29
Sequence 29, Application US/08244434
Patent No. 5854004
GENERAL INFORMATION:
APPLICANT: Czerulofsky, A.P.
APPLICANT: Himmler, A.
APPLICANT: Stralowa, C.
APPLICANT: Weyer, U.
APPLICANT: Lamche, H.
APPLICANT: Sch fer, R.

TITLE OF INVENTION: Process for Screening Substances Capable of
Modulating a Receptor-Dependent Cellular Signal
TITLE OF INVENTION: Transmission Path
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/244,434
FILING DATE: 25-MAY-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/92/02718
FILING DATE: PCT Filing Date: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0652.1340000/RWE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 50 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
US-08-244-434-29

Query Match 53.6%; Score 13.4; DB 2; Length 50;
Best Local Similarity 73.9%; Pred. No. 4.1e+02;
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
QY 3 ccaactggatcacggtacaca 25
DB 6 CTAAGCTTGATCAGCGTCTACA 28
RESULT 11
US-08-244-434-30/C
Sequence 30, Application US/08244434
Patent No. 5854004
GENERAL INFORMATION:
APPLICANT: Czerulofsky, A.P.
APPLICANT: Himmler, A.
APPLICANT: Stralowa, C.
APPLICANT: Weyer, U.
APPLICANT: Lamche, H.
APPLICANT: Sch fer, R.
TITLE OF INVENTION: Process for Screening Substances Capable of
Modulating a Receptor-Dependent Cellular Signal
TITLE OF INVENTION: Transmission Path
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/244,434
FILING DATE: 25-MAY-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/92/02718
FILING DATE: PCT Filing Date: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0652.1340000/RWE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2540
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 51 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
US-08-244-434-30

Query Match 53.6%; Score 13.4; DB 2; Length 51;
Best Local Similarity 73.9%; Pred. No. 4.1e+02;
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3 ccaacttggaatcacgtacaca 25
DB 47 CTAACCTTGATCAGCGTCTACA 25

RESULT 12
US-08-244-434-27/c
Sequence 27, Application US/08244434
Patent No. 5854004
GENERAL INFORMATION:
APPLICANT: Czernilofsky, A.P.
APPLICANT: Himmler, A.
APPLICANT: Stratowa, C.
APPLICANT: Weyer, U.
APPLICANT: Lamche, H.
APPLICANT: Sch fer, R.
TITLE OF INVENTION: Process for Screening Substances Capable of
TITLE OF INVENTION: Modulating a Receptor-Dependent Cellular Signal
NUMBER OF SEQUENCES: 37
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/244,434
FILING DATE: 25-MAY-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/92/02718
FILING DATE: PCT Filing Date: 25-NOV-1992
CLASSIFICATION: 435

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/244,434
FILING DATE: 25-MAY-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/92/02718
FILING DATE: PCT Filing Date: 25-NOV-1992
CLASSIFICATION: 435

ADDRESS: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/244,434
FILING DATE: 25-MAY-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/92/02718
FILING DATE: PCT Filing Date: 25-NOV-1992
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0652.1340000/RWE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2540
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 52 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
US-08-244-434-27

Query Match 53.6%; Score 13.4; DB 2; Length 52;
Best Local Similarity 73.9%; Pred. No. 4.1e+02;
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3 ccaacttggaatcacgtacaca 25
DB 52 CTAACCTTGATCAGCGTCTACA 30

RESULT 13
US-08-244-434-25/c
Sequence 25, Application US/08244434
Patent No. 5854004
GENERAL INFORMATION:
APPLICANT: Czernilofsky, A.P.
APPLICANT: Himmler, A.
APPLICANT: Stratowa, C.
APPLICANT: Weyer, U.
APPLICANT: Lamche, H.
APPLICANT: Sch fer, R.
TITLE OF INVENTION: Process for Screening Substances Capable of
TITLE OF INVENTION: Modulating a Receptor-Dependent Cellular Signal
NUMBER OF SEQUENCES: 37
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/244,434
FILING DATE: 25-MAY-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/92/02718
FILING DATE: PCT Filing Date: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0652.1340000/RWE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2540
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 53 base pairs
TYPE: nucleic acid
STRANDEDNESS: both

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; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
US-08-244-434-25

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Query Match	53.6%	Score 13.4;	DB 2;	Length 53;
Best Local Similarity	73.9%	Pred. No. 4.1e+02;		
Matches 17; Conservative	0;	Mismatches 6;	Indels 0;	Gaps 0;

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Oy      3 ccaacttgyaatcacggtacaca 25
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Db      49 CTAGCTTGAATCAGGCTTACA 27

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: RESULT 14
: US-08-244-434-20
: Sequence 20, Application US/08244434
: Patent No. 5854004
: GENERAL INFORMATION:
: APPLICANT: Czernilofsky, A.P.
: APPLICANT: Himmelr, A.
: APPLICANT: Stratowa, C.
: APPLICANT: Weyer, U.
: APPLICANT: Lamche, H.
: APPLICANT: Sch fer, R.
: TITLE OF INVENTION: Process for Screening Substances Capable of
: TITLE OF INVENTION: Modulating a Receptor-Dependent Cellular Signal
: TITLE OF INVENTION: Transmission Path
: NUMBER OF SEQUENCES: 37
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Sterne, Kessler, Goldstein & Fox
: STREET: 1100 New York Avenue, Suite 600
: CITY: Washington
: STATE: D.C.
: COUNTRY: U.S.A.
: ZIP: 20005
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent In Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/244,434
: FILING DATE: 25-MAY-1994
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: PCT/92/02718
: FILING DATE: PCT Filing Date: 25-NOV-1992
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Esmond, Robert W.
: REGISTRATION NUMBER: 32,893
: REFERENCE/DOCKET NUMBER: 0652.1340000/RWE
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (202) 371-2600
: TELEFAX: (202) 371-2540
: INFORMATION FOR SEQ ID NO: 20:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 56 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: both
: TOPOLOGY: linear
: MOLECULE TYPE: oligonucleotide
: US-08-244-434-20

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Query	March	53.6%	Score 13.4	DB 2	Length 56
Best Local Similarity		73.9%	Pred. No. 4.2e+02		
Matches	17; Conservative	0;	Mismatches	6;	Indels 0;
QY	3 ccaacttgaatcacggtacaca	25			
Db	5 CTAAGCTTGAATCACGCTCTACA	27			

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Qy      3 ccaacttgaatcacggtacaca 25
          | | | | | | | | | |
Db      5 CTAGCTTGATCACGGTCTACA 27
```

RESULT 15
 US-08-244-434-18/C
 : Sequence 18, Application US/08244434
 : Patent No. 5854004
 :
 GENERAL INFORMATION:
 APPLICANT: Czeruliofsky, A.P.
 APPLICANT: Himmler, A.
 APPLICANT: Stratowa, C.
 APPLICANT: Weyer, U.
 APPLICANT: Lamche, H.
 APPLICANT: Sch fer, R.
 TITLE OF INVENTION: Process for Screening Substances Capable of
 TITLE OF INVENTION: Modulating a Receptor-Dependent Cellular Signal
 TITLE OF INVENTION: Transmision Path
 NUMBER OF SEQUENCES: 37
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Sterne, Kessler, Goldstein & Fox
 STREET: 1100 New York Avenue, Suite 600
 CITY: Washington
 STATE: D.C.
 COUNTRY: U.S.A.
 Zip: 20005
 :
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/244,434
 FILING DATE: 25-MAY-1994
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/92/02718
 FILING DATE: PCT Filing Date: 25-NOV-1992
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Esmond, Robert W.
 REGISTRATION NUMBER: 32,893
 REFERENCE/DOCKET NUMBER: 0652.1340000/RWE
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 371-2600
 TELEFAX: (202) 371-2540
 INFORMATION FOR SEQ ID NO: 18:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 57 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: both
 TOPOLOGY: linear
 MOLECULE TYPE: oligonucleotide
 US-08-244-434-18

Query Match	53.68;	Score 13.4;	DB 2;	Length 57;
Best Local Similarity	73.98;	Pred. No. 4.2e+02;		
Matches 17;	Conservative	0;	Mismatches 6;	Indels 0;
			Gaps	0;

QY 3 ccaacttgatcacgylacaca 25
||| | ||||| |||
Db 49 CTAGCTTGAATCACGGTCTACA 27

Search completed: March 9, 2002, 00:54:11
Job time: 11362 sec

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